

Soil Sample Bar Codes

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The following describes how bar codes can be used with soil sampling as well as creating soil test bag labels.

The Sampling Work Order function can be used to produce bar codes for either Sampling Bags or Soil Lab Submittal Sheets. This functionality is set up to work with the following labs:

Lab Name	Bar Code on Lab Submittal Sheet	Bar Code on Sample Bag
SureTech		X
A & L	X	
A & L Labs Great Lakes	X	
ALEast	X	
A & L Labs TN	X	
A & L Labs Halls	X	
Waters	X	
AgSource	X	

To use the bar codes, one or more of the above labs must first be set up. Select **Soil Test Labs Editor** at *Mapping / Layers / Layer Import*.

The screenshot shows the 'Layer Import' dialog box. On the left, under 'Files', there is a 'Soil test lab' dropdown menu with a red box around its menu icon. Below it are fields for 'Date collected' and 'Spatial Linking' (set to 'All Grower Fields'). At the bottom of the 'Files' section are buttons for 'Clear', 'Add Folder...', and 'Add File...'. On the right, under 'Template', there is a 'Template' dropdown set to '<None>' and a 'Layer name' field set to 'Default Layer Name'. Below this is a table with columns 'Source', 'UOM', 'Missing', and 'Map To'. At the bottom of the dialog are buttons for 'Save...', 'Save As...', 'Add 'Map To' Attribute...', 'Run At Server', 'Upload', and 'Help'.

In the *Soil Test Labs* window, a lab can be added or deleted. When entering the *Lab Name*, it must be exactly the same as the *Lab Name* given above in the table or as seen in the image below.

Soil Test Labs								
Name	SampleID /	LayerID	Grower	Farm	Field	Header	Data	Filter
SureTech						1	2	*.csv
ALGL						1	2	*.csv
A & L Labs Great Lakes						1	2	*.csv
ALEast						1	2	*.csv
A & L Labs TN						1	2	*.csv
A & L Labs Halls						1	2	*.csv
Waters						1	2	*.csv
AgSource						1	2	*.csv

After the lab is set up, a Bag Label or Submittal Sheet can be created with a bar code, depending on the lab being used.